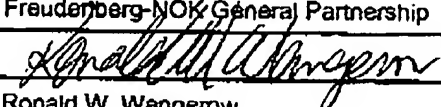
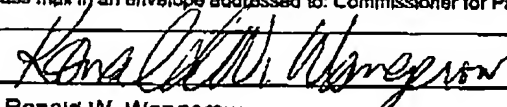


PTO/SB/21 (09-04)  
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/081,130	<b>RECEIVED</b> <b>CENTRAL FAX CENTER</b> <b>APR 25 2006</b>
	Filing Date	2/22/2002	
	First Named Inventor	Johnston	
	Art Unit	3673	
	Examiner Name	Vishal Patel	
Total Number of Pages in This Submission	6	Attorney Docket Number	01-0002

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Statement Under 37 CFR 3.73(b) and Delegation of Signature Authority
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Freudenberg-NOK General Partnership		
Signature			
Printed name	Ronald W. Wangerow		
Date	April 25, 2006	Reg. No.	29,597


CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Ronald W. Wangerow	Date	April 25, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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**APR 25 2006**

Please type a plus sign (+) inside this box → 

PTO/SB/82 (10-00)

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**REVOCATION OF POWER OF  
ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	10/081,130
Filing Date	February 22, 2002
First Named Inventor	David E. Johnston
Group Art Unit	3626
Examiner Name	Vishal Patel
Attorney Docket Number	01-0002

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

☒ A Power of Attorney or Authorization of Agent is submitted herewith.

OR

☐ Please change the correspondence address for the above-identified application to:

☒ Customer Number

OR

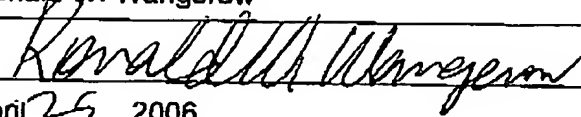
<input type="checkbox"/> Firm or Individual Name	Freudenberg-NOK General Partnership				
Address	Legal Department				
Address	47690 East Anchor Court				
City	Plymouth				
Country	United States of America	State	MI	ZIP	48170-2455
Telephone	(734) 354-5445	Fax	(734) 451-1445		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Name	Ronald W. Wangerow
Signature	
Date	April 25, 2006

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of \_\_\_\_\_ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/80 (12-03)

Approved for use through 11/30/2005. OMB 0651-0035  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby appoint:

☒ Practitioners associated with the Customer Number:

29293

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

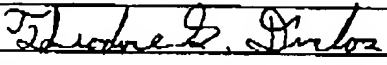
Assignee Name and Address:

Freudenberg-NOK General Partnership  
47690 E. Anchor Court  
Plymouth, MI 48170

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.

Name	Theodore G. Duclos		
Signature		Date	4/29/04
Title	Chief Technical Officer	Telephone	734-354-5476

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Attorney Docket No. 01-0002

PTO/SB/98 (08-00)

Approved for use through 10/31/2002 OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: David E. JohnstonApplication No./Patent No.: 10/081,130Filed/Issue Date: February 22, 2002Entitled: Shaft Seal Having a Hinge and a Liner

Freudenberg-NOK General Partnership

, a general partnership

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 013013, Frame 0885, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet.

- [ ] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

April 25, 2006

Date

Ronald W. Wangerow

Typed or printed name



Signature

Intellectual Property Counsel

Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**Freudenberg-NOK  
General Partnership**



### **Delegation of Signature Authority – Legal Filings**

Pursuant to the attached Unanimous Written Resolution of the Partners' Board of Freudenberg-NOK General Partnership ("FNGP" or "Company"), which was signed at the Partners' Board Meeting on May 10, 2004, I, Robert G. Evans, Vice President & General Counsel of FNGP, do hereby delegate to Ronald W. Wangerow, Intellectual Property Counsel of FNGP, the following authority:

in conjunction with the intellectual property rights or interests of the Company, to execute and file documents including but not limited to applications, appearances, registrations, and certificates, in or with any appropriate governmental issuing entity or agency, that are necessary for the procurement, prosecution, maintenance and/or renewal of patents, trademarks and/or copyright interests;

and such signature and delivery of any such document shall be conclusive evidence of Ronald W. Wangerow's authority to do so on behalf of the Company.

The forgoing Delegation of Signature Authority – Legal Filings shall be effective as of the date indicated below and shall continue to be effective until revoked in writing by me or by the Partners' Board of FNGP.

A handwritten signature in black ink, appearing to read "Robert G. Evans".

Robert G. Evans  
Vice President & General Counsel  
Freudenberg-NOK General Partnership

A handwritten signature in black ink, appearing to read "Ronald W. Wangerow".

Witness

Date June 4, 2004

# Freudenberg-NOK



## Unanimous Written Resolution of the Partners' Board of Freudenberg-NOK General Partnership ("FNGP")

\* \* \* \* \*

### Resolution for Signature Authority – Legal Filings

WHEREAS, the Partners' Board of FNGP is charged with the responsibility to manage the affairs of FNGP: and

WHEREAS, the day to day business of FNGP is conducted by the officers of FNGP,

NOW THEREFORE it is

RESOLVED that the Vice President & General Counsel ("General Counsel") of the Company, and any attorney employed by the Company to whom the General Counsel delegates such authority in writing, is authorized: (1) in conjunction with litigation, mediation, arbitration or other dispute resolution proceedings, to execute and file documents including but not limited to complaints, declarations, petitions, stipulations, motions, answers, dismissals, denials, releases, certificates, demands, settlement agreements and notices; and (2) in conjunction with the intellectual property rights or interests of the Company, to execute and file documents including but not limited to applications, appearances, registrations, and certificates, in or with any appropriate governmental issuing entity or agency, that are necessary for the procurement, prosecution, maintenance and/or renewal of patents, trademarks and/or copyright interests; and such signature and delivery of any such document shall be conclusive evidence of such attorney's authority to do so on behalf of the Company.

A handwritten signature in black ink, appearing to read "Peter Bettermann", written over a horizontal line.

Dr. Peter Bettermann

A handwritten signature in black ink, appearing to read "Peter Stehle", written over a horizontal line.

Dr. Peter Stehle

A handwritten signature in black ink, appearing to read "Ernst Schön", written over a horizontal line.

Dr. Ernst Schön

A handwritten signature in black ink, appearing to read "Masato Tsuru", written over a horizontal line.

Mr. Masato Tsuru

A handwritten signature in black ink, appearing to read "Tetsuji Tsuru", written over a horizontal line.

Mr. Tetsuji Tsuru

A handwritten signature in black ink, appearing to read "Mohsen Sohi", written over a horizontal line.

Dr. Mohsen Sohi